

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS PO Box 1450 Alexasofan, Virginia 22313-1450 www.nepto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/762,439	01/22/2004	Paul Ashton	CDSI-P01-041	5180
28120 7590 01/20/2010 ROPES & GRAY LLP			EXAMINER	
PATENT DOCKETING 39/41			SASAN, ARADHANA	
BOSTON, MA	IATIONAL PLACE A 02110-2624		ART UNIT	PAPER NUMBER
			1615	
			MAIL DATE	DELIVERY MODE
			01/20/2010	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Advisory Action Before the Filing of an Appeal Brief

Application No.	Applicant(s)					
10/762,439	ASHTON ET AL.					
Examiner	Art Unit					
ARADHANA SASAN	1615					
	10/762,439 Examiner	10/762,439 ASHTON ET AL. Examiner Art Unit				

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	ARADHANA SASAN	1615						
The MAILING DATE of this communication appe	ears on the cover sheet with the o	correspondence add	ress					
THE REPLY FILED 21 December 2009 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.								
 X The reply was filed after a final rejection, but prior to or on application, applicant must timely file one of the following application in condition for allowance; (2) a Notice of Appe for Continued Examination (RCE) in compliance with 37 C periods: 	replies: (1) an amendment, affidavi eal (with appeal fee) in compliance	t, or other evidence, v with 37 CFR 41.31; o	vhich places the r (3) a Request					
a) The period for reply expiresmonths from the mailing								
b) The period for reply expires on: (1) the mailling date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. I no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailling date of the final rejection.								
Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TW MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).								
Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filled is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee have been filled is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension is the second of the corresponding amount of the fee. The appropriate extension is extensionable to the feel of the corresponding amount of the fee. The appropriate extension is extensionable to the feel of the corresponding amount of the feel. The feel of								
2. The Notice of Appeal was filed on A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of								
filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).								
<u>AMENDMENTS</u>								
 The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); 								
(b) They raise the issue of new matter (see NOTE belo								
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or								
(d) ☐ They present additional claims without canceling a	corresponding number of finally reje	cted claims.						
NOTE: (See 37 CFR 1.116 and 41.33(a)).								
4. The amendments are not in compliance with 37 CFR 1.12	21. See attached Notice of Non-Cor	mpliant Amendment (PTOL-324).					
5. Applicant's reply has overcome the following rejection(s)			•					
Newly proposed or amended claim(s) would be all non-allowable claim(s).	lowable if submitted in a separate, t	imely filed amendmer	nt canceling the					
 For purposes of appeal, the proposed amendment(s): a) how the new or amended claims would be rejected is provided. 		be entered and an e	xplanation of					
The status of the claim(s) is (or will be) as follows: Claim(s) allowed:								
Claim(s) objected to:								
Claim(s) rejected: <u>1-3.10.14.17.18 and 21</u> .								
Claim(s) withdrawn from consideration: 4-9 and 11-13.								
AFFIDAVIT OR OTHER EVIDENCE								
 The affidavit or other evidence filed after a final action, bu because applicant failed to provide a showing of good and was not earlier presented. See 37 CFR 1.116(e). 								
 The affidavit or other evidence filed after the date of filing entered because the affidavit or other evidence failed to c showing a good and sufficient reasons why it is necessar 	vercome all rejections under appea	l and/or appellant fail	s to provide a					
10. The affidavit or other evidence is entered. An explanatio REQUEST FOR RECONSIDERATION/OTHER								
The request for reconsideration has been considered bu See Continuation Sheet.	t does NOT place the application in	condition for allowan	ce because:					
Note the attached Information Disclosure Statement(s).	(PTO/SR/08) Paper No(s)							
13. Other:								
/Aradhana Sasan/		obert A. Wax/						
Examiner, Art Unit 1615	Supervisory Patent Exar	niner, Art Unit 1615	i					

Continuation of 11. does NOT place the application in condition for allowance because: Applicant's arguments (filed 12/21/09) have been fully considered but are not found persuasive.

Rejection of claims 1-3, 10, 14, and 17 under 35 U.S.C. 103(a) as being unpatentable over Smith et al. (US 5,378,475) in view of Wong et al. (US 6,331,313) and further in view of Heller et al. (US 3,811,444)

Applicants argue that whether the instant claims require a biodegradable system or not is not relevant. Applicants assert that they are addressing the issue of whether one of skill in the art would have the motivation to combine Smith and/or Wow, which both teach non-bloerodible devices with the teaching of Heller which teaches only bioerodible devices to arrive at a device of the pending claims. This is not persuasive because instant claims require (i) an inner drug core comprising a carbonic anhydrase inhibitor (CAI) and a matrix material, (ii) a first coating that is substantially impermeable to the passage of the CAI and comprising a CAI. Smith teaches an inner core with the active ingredient, a first coating layer that is essentially impermeable to the passage of the the active ingredient, and a second coating permeable to the passage of the lattice ingredient, and is a second coating permeable to the passage of the developed ingredient, and is a second coating permeable to the passage of the second ingredient, and is a second coating permeable to the passage of the second ingredient, and is a second coating permeable to the passage of the second ingredient, and is a second coating permeable to the passage of the active ingredient, and is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the cation ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient is a second coating permeable to the passage of the second ingredient in the second i

This is not persuasive because the structural components of the drug delivery device as required by install aim are taught by Smith, Wong, and Heller (i.e., the inner core comprising the CAI and mark; the first coating that is substantially inner core comprising the CAI and mark; the first coating that is substantially inner core comprising the CAI and mark; the first coating that is substantially inner coating permeable to the passage of the CAI). The bicerotible polymer martrix would have been obvious over the teaching by Wong that the drug "may also be present as a solution or be dispersed in a polymer martrix, would have been obvious over biodegradable polymers that can be used in the device where "the outer layer degrades after the drug has been released for the desired duration" (Co. 1), glines 41-45, Co. 11 (a), liens 1-9). The teaching of Heller is properly combined the teachings of Smith and Wong because all the prior art references teach a controlled or sustained release drug delivery device suitable for ocular insertion/finglalnation and one of ordinary skill in the art would find it obvious to incorporate a drug in the outer layer of the sustained release device in order to provide immediate release of the drug (variable drug release from the outer layer of an ocular insert is taught by Heller (Col. 13, lines 5-33).

Applicants argue that the Office Action merely states that the instant claims are taught by Smith, Wong, and Heller and further that Heller is properly combined with the teachings of Smith and Wong because all of the references teach a controlled or sustained release drug delivery device suitable for ocular insertion.

This is not persuasive because MPEP 2143 states that it is obvious to apply a known technique to a known device (method, or product) ready for improvement to yield predictable results.

Applicants argue that 'the Examiner is using impermissible hindsight to combine the cited references despite the fact that both Smith and Wong expressly discourage release of drug through a degradation process as taught by Heller. The mere fact Smith, Wong and Heller all teach devices suitable for ocular implantation is inadequate to establish a motivation to combine when the express teachings of each of the references are considered.

This is not persuasive because it must be recognized that any judgment on obviousness is in a sense necessarily a reconstruction based upon hindsight reasoning. But so long as it takes into account only knowledge which was within the level of ordinary skill at the time the claimed invention was made, and does not include knowledge gleaned only from the applicant's disclosure, such a reconstruction is proper. See In re McLaughlin, 443 F.2d 1392, 170 USPQ 209 (CCPA 1971).

Rejection of claims 18 and 21 under 35 U.S.C. 103(a) as being unpatentable over Chen et al. (US 5,902,598) in view of Wong et al. (US 6.331.313) and further in view of Heller et al. (US 3.811.444)

Applicants argue that they are addressing the issue of whether one of skill in the art would have the motivation to combine Chen and/or Wong, which both teach non-bicerodible devices with the teaching of Heller which teaches only bicerodible devices to arrive at a device of the pending claims. Applicants argue that Chen teaches away from the use of bicerodible systems for obtaining reliable release rates over extended periods of time. Applicants argue that the office action has provided no motivation to combine the teaching of Heller with the teachings of Chen or Wong and assert that the Examiner is using impermissable indisable to combine the circ references.

This is not persuasive the components of the sustained release drug device are taught by Chen. Instant claims do not require a biodegradable system and therefore, the argument with respect to biodegradable system and therefore, the argument with respect to biodegradable shill be a served to the component of the drug delivery device as required by instant claims are taught by Chen, Wong and Heller (i.e., the inner core comprising the CAI and matrix, the first coating that is substantially impermeable to the passage of the CAI, and the additional coating permeable to the passage of the CAI). The teaching of Heller is properly combined with the teachings of Chen and Wong because all the prior art references teach a controlled or sustained release drug delivery device suitable for ocular insertion/implantation and one of ordinary skill in the art would find it obvious to incorporate a drug in the outer layer of the sustained release of order to provide immediate release of the drug (variable drug release from the outer layer of an ocular insert is taught by Heller (CoI. 13, lines 5-33). MPEP 2143 states that it is obvious to apply a known technique to a known device (method, or product) ready for improvement to yield predicible results. Moreover, it must be recognized that any judgment on obviousness is in a sense necessarily a reconstruction based upon hindsight reasoning. But so long as it takes into account only knowledge which was within the level of ordinary skill at time the claimed invention was made, and does not include knowledge gleaned only from the applicant's disclosure, such a reconstruction is proper. See In re McLaushlin, 443 F.2d 1392. I TOU SPQ 209 (CCPA 1971).

Applicants arguments regarding the obviousness type double patenting rejection have been fully considered. Until such time that a terminal disclaimer is filed and approved, the rejection will be maintained.